

MD iMAP Technical Committee Meeting Minutes for November 2020

Place: On-Line Only Attendance due to COVID19 Social Distancing

Date: 11/10/2020; Time: 1:00PM – 2:00PM

Phone Attendees: Kevin Coyne (DNR); John Lesko (DoIT); Lisa Lowe (DoIT), Conrad Schaefer (DoIT), Susan Hmel (DoIT), Darren Lloyd (DoIT), J.B. Churchill (DoIT), Anthony Puzzo (ESRI), Gary Maragos (MDP), Leah Visakowitz (McCormick Taylor), Rowland Agbede (MDA), Brad Wolters (DHCD), Bill Fearington (DHS), Andrew Bernish (MDOT) and Scott Hansen (MDP). Matt Viverito (ESRI)

Agenda

Introductions

Maryland Enterprise Software & MD iMAP 3.0 Update – John Lesko

- DoIT continues working to support other agencies in the response to COVID-19:
 - The GIO team continues to support a COVID-19 ArcGIS Hub site to provide support to MDH during response. (visit <https://coronavirus.maryland.gov/>)
 - GIO team continues to work with MDH, MEMA SEOC and GIS Desk for map and dashboard updates related to COVID Cases reported for the counties. MEMA has been responsible for updating daily numbers on the ArcGIS Dashboard.
 - Upgrades and additions to the Hub site include the following:
 - The main Covid-19 Dashboard has undergone a significant modification and some content moved to a new page called CovidLINK. Please visit: (<https://covidlink.maryland.gov/content/>) The covidLink button was replaced with a button named “Important Information About COVID-19”; there is now a button for “Contact Tracing Data” and a button for “Schools Data”.
 - To track the Percent of the Population tested for COVID-19 by County, GIO developed a colorized bar chart. The aim of the color coding is to show each County’s progress in having 10% of their population tested. 24 of 24 counties have achieved the 20% level. Note that Somerset County continues to lead the Counties in the present of population tested (42.6% November vs. 30.7% August); Cecil County has tested (23.3% November vs. 13.9% August) of its residents tested. This chart is updated daily.
 - The Dashboard Hub Site reorganization moved the graphics and charts related to Contract Tracing from the COVIDLINK page to a Dashboard sub page using the Contract Tracing button. The charts include Weekly Cases Reached and Interviewed and Weekly Contacts Reached and Interviewed. The dashboard and charts were created with HighCharts java script API. The left pie chart is tracking Social Gatherings of more than 10 people. The

middle pie chart is tracking High Risk Locations and the right pie chart is tracking employment.

- A new sub-page titled “Outbreak-Associated Cases in Schools”, lists schools that have covid outbreaks. The information is based on local health department reports to MDH. Schools are listed if 1 or more of the following criteria are observed;
- At least two confirmed COVID-19 cases among students/teachers/staff within a 14-day period and who are epidemiologically linked, but not household contacts; or
- Three or more classrooms or cohorts with cases from separate households that meet the classroom/cohort outbreak definition that occurs within 14 days; or;
- Five percent or more unrelated students/teachers/staff have confirmed COVID-19 within a 14 day period (minimum of 10 unrelated students/teachers/staff).

- The decision was made to remove the “CovidLINK” button from the covid-19 Dashboard and establish a “CovidLINK” site. This site, hosted on a MD State platform, contains the majority of the text information that previously was on the Dashboard. Note that there is a link to the covid-19 Dashboard, the “Testing” site and also the “Contact Tracing” page, all of which are still supported by DOIT GIO staff.

- The Roadmap to Recovery Reopening the Counties remains unchanged from last month. Four jurisdictions remain at Phase Two while the other jurisdictions have progressed to Phase Three. This map will be updated as per the Governor’s and County executive directives.

- Based on the state’s health metrics, local school systems are urged to reevaluate their modes of instruction at the end of the first quarter. MDH and MSDE have presented county-specific benchmarks to guide conversations among local officials regarding in-person instruction. They are based on metrics that, taken together, reflect the levels of community transmission, including test positivity and case rates.

- The testing site continues to be one of the busiest pages. The site was re-designed and is a central repository for testing information and announcements.

- ESRI will be enforcing the use of HTTPS for all ArcGIS Online organizations beginning on Tuesday, Dec. 8, 2020. On Monday, November 2, 2020 at 9:00 AM, DOIT GIO enforced HTTPS on the Maryland GeoShare organization.

Maryland Department of Planning Property Mapping: Data and Products– Gary Maragos; Manager, Property Mapping Unit, Maryland Department of Planning

- Gary introduced the effort undertaken by MDP.
- MDP took over the mapping effort in the mid-1990's from the Maryland State Department of Assessments and Taxation (SDAT).
- Planning is responsible for maintaining tax assessment maps for all 23 counties. This includes over 2,800 maps and 2.3 million parcel accounts.
- The parcel data includes parcel points, parcel polygons, CAMA (Computer Assisted Mass Appraisal) data and sales data.
- Involves coordinating mapping data (MDOT rights-of-way) and plats.
- **Property Mapping Products**
<https://planning.maryland.gov/Pages/OurProducts/PropertyMapProducts/Property-Map-Products.aspx>
 - MdProperty View
 - FINDER Quantum
 - FINDER Online
 - Paper and Digital Tax Maps
 - The tax maps contain parcels, lots, water features, assessment district boundaries, municipal boundaries, subdivision boundaries, rights-of-way, access easements and annotations.
 - A majority of tax maps are 1"=600' while most supplemental maps are 1"=200'
- **Downloads are available from:**
<https://planning.maryland.gov/Pages/OurProducts/DownloadFiles.aspx>
 - MdProperty View
 - FINDER Quantum
 - Parcel Points
 - Parcel Polygons
 - Monthly and Quarterly Sales
 - CAMA Data
 - Data Documentation
- **MD iMap REST Services** <https://geodata.md.gov/imap/rest/services/PlanningCadastre>
- **Open Data Portal** <https://opendata.maryland.gov/>
- **Real Property Search**
<https://sdatt.dat.maryland.gov/RealProperty/Pages/default.aspx>
 - Tax Maps and parcel points served to Assessment's Real Property Search via MD iMAP
- Working with counties except for the City of Baltimore.
- Expect to have the entire State completed with the completion of Frederick County.

MD iMAP 3.0 Update – John Lesko

- The Maryland Department of Natural Resources (DNR) request to migrate to the enterprise GIS platform continues to progress. A SOW has been approved. Soon, the DNR environment will be upgraded to version 10.7.1 and moved to the DNR environment to new servers within the DoIT environment.
- The Maryland Transportation Authority completed upgrading the software on their development and production servers. MDTA upgraded to ArcGIS Server Advanced (vers. 10.7 to vers 10.8) for the staging and production servers. In addition, upgrades for Portal, DataStore, WebAdaptor, ArcMAP Advanced and ArcGIS Data Reviewer were provided.
- The Maryland Transit Administration is close to completing an upgrade to the software on their development and production servers. MTA upgraded to ArcGIS Server Advanced (vers. 10.5 to vers 10.8) for the staging and production servers.
- The Maryland Department of Transportation/State Highway Administration is upgrading the software on their production servers (SHAGBAG4 AND SHAGBAG1). MTA upgraded to ArcGIS Server Advanced (vers. 10.6.1 to vers 10.8.1) for the production servers. In addition, SHA requested an upgrade for the Roads and Highways Extension to vers. 10.8.1 and for the DMZ license to 10.8.1. We learned that Roads and Highways vers.10.8.1 has not been released. We are communicating with Esri to track its release.
- The Maryland Department of Transportation/Maryland Aviation Administration is upgrading the software on their production servers. MAA upgraded to ArcGIS Server Advanced (vers. 10.6.1 to vers 10.8.1) for the production servers. In addition, MAA requested an upgrade for Imager Server Extension to vers. 10.8.1 and for an upgrade for a single use ArcGIS Desktop vers. 10.8.1.
- MD DOIT GIO Highlights and Initiatives;
 1. Redesign of the MD iMAP platform. Investigating a move to a HUB site environment;
 2. Redesign of the coronavirus.maryland.gov Dashboard Hub site;
 3. The Covid-19 Dashboard has had over 8.5 million users and over 55 million page views
 4. Update of the MD iMAP Communication Plan;
 5. Work continues on an MDOT service ticket that will address and correct an issue discovered for users applying for membership in a Group. There were differences in login privileges depending on whether the request was issued form an email or via social media.
 6. Continue to expand QLIK users and migrating users from Power BI to the QLIK platform;
 7. Continue to support and expand the data available on the Open Data platforms;

Subcommittee Updates

Training – *Lisa Lowe*

- Two new online training courses have been added to the MD iMAP Portal, Intermediate AGOL and Collector. Because of budget constraints, it is not known if, or when, we will be able to continue instructor-led courses.

Centerlines – *Marshall Stevenson*

- No update provided

Composite Locator – *Lisa Lowe*

- The composite locator was updated a couple of weeks ago. Because of some issues with the gazetteer locators, the single field lookup had to be used in the composite locator instead of the gazetteer locators. Additionally, a composite locator was created in ArcGIS Pro using the Create Locator Tool. It can be used in Pro or more recent versions of ArcMap. This locator is currently located in our development environment (https://dev.geodata.md.gov/imap/rest/services/GeocodeServices/MD_CompositeLocatorPro/GeocodeServer). We hope to move this to the production environment soon.

Imagery – *Lisa Lowe*

- Imagery is in the QA phase. AECOM has reviewed all western shore counties. The majority of counties have completed their review. Sanborn has completed corrections for Harford and Howard Counties. Eight other counties currently are having corrections applied. Once this is complete Sanborn will re-upload the corrected imagery to their QA tool for approval.

Lidar – *John Lesko*

- Howard County derivative products are in production at ESRGC. They are projecting that the files will be delivered sometime next week;
- Prince George's County LiDAR which underwent corrections, was made available for download. The corrected DEMs were downloaded by MD DoIT GIO and ESRGC. ESRGC will proceed with generating the derivative products shortly after completing the Howard County products.

Action Items

- None identified

Additional Business

- The next Technical Committee meeting is scheduled for Tuesday, December 1, 2020 from 1:00 to 2:00 pm. A representative from ESRI will present on a new product called Field Maps.